

FEDERAL ITEM IDENTIFICATION GUIDE
ELECTRONIC BRAKING SYSTEM
ITEM NAME CODE
68410



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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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SECTION I

MRC	Mode Code	Requirements
NAME	D	ITEM NAME
		<p>Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.</p> <p>Reply Instructions: Enter the Item Name Code applicable to this FIIG. (e.g., NAMED68410*)</p>
AEAS	G	MAJOR COMPONENTS
		<p>Definition: THE PRINCIPAL PARTS THAT ARE INCLUDED IN AN ASSEMBLED UNIT.</p> <p>Reply Instructions: Enter the reply in clear text. List the major components alphabetically, by basic name, quantity, National Stock Number, and type number. If National Stock Number is not available, list government or manufacturers identifying number.</p> <p>(e.g., AEASGRELAY NSN 5945-00-643-5422 TYPE NO. SIG-621*; AEASGPOWER SUPPLY CROSLEY PART NO. 7441521*)</p> <p>Separate multiple replies with a semicolon. (e.g., AEASGCABINET NORTH ELECTRIC CO. PART NO. 5123 1; PANEL NORTH ELECTRIC CO. PART NO. 5130 2*)</p>
AGAV	G	END ITEM IDENTIFICATION
		<p>Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.</p> <p>Reply Instructions: Enter the applicable reply in clear text.</p> <p>(e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)</p>
MATT*	D	MATERIAL
		<p>Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.</p>

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MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATTDSTA000*; MATTDSTA000\$\$DSTB000*; MATTDSTA000\$DSTB000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
CUB000	COPPER ALLOY
FEA000	IRON
PCA000	PLASTIC
RCE000	RUBBER
RCB000	RUBBER SYNTHETIC
STA000	STEEL
STB000	STEEL CORROSION RESISTING

CYHX * A VEHICLE DESIGN CONTROL ACTIVITY

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER ENTITY, WHICH CONTROLS THE DESIGN OF THE VEHICLE.

Reply Instructions: Enter the Commercial and Government Entity (CAGE) Code. (e.g., CYHXA23040*)

CYHY * A VEHICLE IDENTIFICATION DESIGNATOR

Definition: THE NAME OR COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH IDENTIFY THE SPECIFIC VEHICLE.

Reply Instructions: Enter the appropriate designation data (e.g., CYHYAPLYMOUTH VOYAGER*; CYHYA152LP\$\$A726M*)

CYHZ* A VEHICLE YEAR(S)

Definition: THE FOUR (4) DIGIT NUMBER INDICATING THE PRODUCTION YEAR(S) OF THE VEHICLE.

Reply Instructions: Enter the year(s). (e.g., CYHZA1988*; CYHZA1980\$\$1987*; CYHZA1980-1985*)

TMDN* A TYPE/MODEL DESIGNATION

Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.

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MRC	Mode Code	Requirements																												
		Reply Instructions: Enter the appropriate designation data. (e.g., TMDNAMODEL 4HM130*)																												
CYPT*	A	SERIES AND/OR SERIAL NUMBER FOR WHICH DESIGNED Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED SERIES/SERIAL NUMBER OF THE UNIT FOR WHICH THE ITEM WAS DESIGNED. Reply Instructions: Enter the series/serial number. (e.g., CYPTA125WA*)																												
AFZC*	D	FUNCTION FOR WHICH DESIGNED Definition: THE SPECIFIC PURPOSE FOR WHICH THE ITEM IS DESIGNED. Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFZCDAU*)																												
		<table><tr><th><u>REPLY CODE</u></th><th><u>REPLY (AE74)</u></th></tr><tr><td>AU</td><td>EMERGENCY BRAKING</td></tr><tr><td>AM</td><td>GENERAL PURPOSE</td></tr></table>	<u>REPLY CODE</u>	<u>REPLY (AE74)</u>	AU	EMERGENCY BRAKING	AM	GENERAL PURPOSE																						
<u>REPLY CODE</u>	<u>REPLY (AE74)</u>																													
AU	EMERGENCY BRAKING																													
AM	GENERAL PURPOSE																													
TMQY*	J	FURNISHED ITEMS AND QUANTITY Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE. Reply Instructions: Enter the applicable Reply Code from the table followed by the quantity. (e.g., TMQYJBCW1*; TMQYJBCW1\$\$JABS1*)																												
		<table><tr><th><u>REPLY CODE</u></th><th><u>REPLY (AB28)</u></th></tr><tr><td>ABR</td><td>BOLT</td></tr><tr><td>ABS</td><td>BRACKET</td></tr><tr><td>AEL</td><td>CAP</td></tr><tr><td>BWQ</td><td>DIPSTICK CAP</td></tr><tr><td>AZA</td><td>FILTER</td></tr><tr><td>ACN</td><td>GASKET</td></tr><tr><td>AJR</td><td>INSERT</td></tr><tr><td>ABW</td><td>NUT</td></tr><tr><td>ABY</td><td>PIN</td></tr><tr><td>BCW</td><td>ROD</td></tr><tr><td>ACW</td><td>SIGHT GAGE</td></tr><tr><td>BQG</td><td>TUBE</td></tr><tr><td>AJW</td><td>WASHER</td></tr></table>	<u>REPLY CODE</u>	<u>REPLY (AB28)</u>	ABR	BOLT	ABS	BRACKET	AEL	CAP	BWQ	DIPSTICK CAP	AZA	FILTER	ACN	GASKET	AJR	INSERT	ABW	NUT	ABY	PIN	BCW	ROD	ACW	SIGHT GAGE	BQG	TUBE	AJW	WASHER
<u>REPLY CODE</u>	<u>REPLY (AB28)</u>																													
ABR	BOLT																													
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BQG	TUBE																													
AJW	WASHER																													

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MRC Mode Code Requirements

CBBL * D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDFG*; CBBLDDFG\$DDES*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
ABW	AIR BRAKE EMERGENCY SYSTEM
EZD	BRAKE DRUM
ERH	FRONT DISC BRAKE DESIGN
CMN	INTEGRAL BRAKE
ERK	REAR DISC BRAKE DESIGN
DHS	TRAILER BRAKE CONNECTION

ABHP * J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.900\$JAC8.100*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABMK * J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.500\$JAC2.600*)

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MRC Mode Code Requirements

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ABKW * J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.500\$\$JAC2.600*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

ADAV * J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR-SECTIONAL PLANE.

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MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400\$\$JAC2.500*)

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZK * J SPECIFICATION/STANDARD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

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MRC	Mode Code	Requirements
ZZZY *	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
<p>Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)</p>		
ZZZT *	J	NONDEFINITIVE SPEC/STD DATA
<p>Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.</p> <p>Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)</p> <p>Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.</p>		
PRPY *	A	PROPRIETARY CHARACTERISTICS
<p>NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.</p> <p>Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.</p> <p>Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA\$\$ACSGS*)</p>		
ELRN *	G	EXTRA LONG REFERENCE NUMBER
<p>Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.</p>		

MRC	Mode Code	Requirements
		<p>Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).</p> <p>If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).</p> <p>In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.</p>
CLQL *	G	<p>COLLOQUIAL NAME</p> <p>Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)</p>
CRTL *	A	<p>CRITICALITY CODE JUSTIFICATION</p> <p>Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.</p> <p>Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA\$\$ACSGS*)</p>
CXCY *	G	<p>PART NAME ASSIGNED BY CONTROLLING AGENCY</p> <p>NOTE: Answering this MRC will generate an ENAC Code in the Item Identification Segment (A) of the NSN.</p> <p>Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)</p>

REPLY
CODE

REPLY (EN02)

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MRC	Mode Code	Requirements
	G4	COMPREHENSIVE PROCUREMENT GUIDELINE – VEHICULAR PRODUCTS – REBUILT VEHICULAR PARTS

ENAC * D ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS
THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED
CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
ENACDFG*; ENACDFG\$\$DJT*)

Reply Tables

Table 1 - FURNISHED ITEMS..... 13

Table 2 - NONDEFINITIVE SPEC/STD DATA..... 13

Table 1 - FURNISHED ITEMS
FURNISHED ITEMS

<u>REPLY CODE</u>	<u>REPLY (AB28)</u>
BQN	ADHESIVE
BQQ	ANCHOR NUT
BQP	ANGLE
AEG	BALL BEARING
ABR	BOLT
AJM	BUSHING
AEL	CAP
AYK	CHANNEL
BBZ	CLEVIS
ASX	CLIP
BCA	COTTER PIN
BQR	ELBOW
ACN	GASKET
AJR	INSERT
ARJ	LOCK RING
ABW	NUT
BQS	NUT PLATE
ABY	PIN
ATB	PLATE
AQW	RING
ATC	RIVET
AMX	SCREW
AFH	SEAL
BPQ	SHIM
ATD	SPACER
AMY	SPRING
AJW	WASHER

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

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FIIG Change List

FIIG Change List, Effective March 5, 2010

New FIIG.